

**DECLARATION AND POWER OF ATTORNEY**  
**for patent application**

(COMPLETE IF KNOWN)

Application Number		Attorney Docket Number	3815/107
Filing Date		First Named Inventor	OKUMURA
Group Art Unit			
Examiner			

This declaration is (*check one*):

- (X) submitted with initial filing;  
 ( ) submitted after initial filing;  
 ( ) a supplemental declaration.

This application is of the following type:

- (X) utility;  
 ( ) design;  
 ( ) national stage of PCT;  
 ( ) divisional, continuation or  
 continuation-in-part.

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (*if only one name is listed below*) or an original, first and joint inventor (*if plural names are listed below*) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**CHANNEL ESTIMATION DEVICE AND METHOD, DEMODULATION DEVICE AND METHOD, AND FADING FREQUENCY DECISION DEVICE AND METHOD**

the specification of which: (*check one*)

(X) is attached hereto; or

- ( ) was filed on \_\_\_\_\_ as U.S. Application No. \_\_\_\_\_ and is/was amended on \_\_\_\_\_ (*if applicable*);  
 ( ) was described and claimed in PCT International Application No. \_\_\_\_\_, filed on \_\_\_\_\_ and was amended under PCT Article 19 on \_\_\_\_\_ (*if applicable*).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby identify below, and where indicated claim foreign priority benefits under Title 35, United States Code §§ 119(a)-(d) or §§ 365(a)-(b) of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America, filed within 12 months (6 months for design) prior to this application, and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) on which priority is claimed (*if any*):

Foreign/PCT Application Number	Country	Filing Date (MM/DD/YYYY)	Priority Claimed	
11-96804	Japan	April 2, 1999	( <input checked="" type="checkbox"/> ) Yes	( <input type="checkbox"/> ) No
11-340638	Japan	November 30, 1999	( <input checked="" type="checkbox"/> ) Yes	( <input type="checkbox"/> ) No
2000-82929	Japan	March 23, 2000	( <input checked="" type="checkbox"/> ) Yes	( <input type="checkbox"/> ) No

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below (if any):

Provisional Application No.	Filing Date

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International Application designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

U.S./PCT Parent Application No.	Filing Date	Status ( <i>Patented, Pending, or Abandoned</i> )
PCT/JP00/02105	March 31, 2000	Pending

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

As a named inventor, I hereby appoint the following attorney(s) or agent(s) with full power of substitution and revocation to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

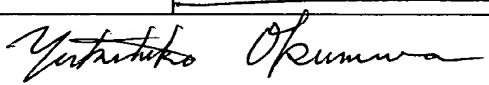
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(check one) Sheets containing additional joint inventors (  ) are, (  ) are not attached hereto.

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